

Title (en)

PROCESS FOR USING A CROSS-FLOW FILTER MEMBRANE TO REMOVE PARTICLES FROM A LIQUID STREAM

Title (de)

VERFAHREN ZUR VERWENDUNG EINER QUERSTROMFILTERMEMBRAN ZUR ENTFERNUNG VON PARTIKELN AUS EINEM FLÜSSIGKEITSSTROM

Title (fr)

PROCÉDÉ POUR UTILISER UNE MEMBRANE FILTRANTE À ÉCOULEMENT TRANSVERSAL POUR ÉLIMINER DES PARTICULES D'UN FLUX DE LIQUIDE

Publication

EP 2969151 A1 20160120 (EN)

Application

EP 14712995 A 20140307

Priority

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- US 2014022057 W 20140307

Abstract (en)

[origin: WO2014159124A1] A process is provided for separating particles from a liquid stream by a crossflow mechanism. The liquid stream is passed tangentially across a membrane, where the membrane comprises an active layer that has a fibrous structure in the form of a nonwoven, and the nonwoven has i) a mean flow pore size of 0.03 to 1.7 microns, ii) a maximum pore size of 3.1 microns, and an active layer having a mean thickness of less than 300 microns.

IPC 8 full level

B01D 67/00 (2006.01); **B01D 69/02** (2006.01); **B01D 71/64** (2006.01); **B01D 71/68** (2006.01)

CPC (source: EP US)

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